

MANUFACTURER'S SPECIFICATIONS
Section 04525 – RESTORATION MORTAR: STONE PATCHING

LITHOMEX

PART 1 – GENERAL

1.1 Summary

A. This Section includes Lithomex restoration mortar system.

B. Related Sections

1. Section [____ – _____]: Wall substrate surface.

1.2 Performance Requirements

A. Patching material to have characteristics similar to the most masonry.

1.3 Submittals

A. Section 01330 – Submittal Procedures.

B. Product Data: Submit data on patching materials, characteristics, and limitations of products specified.

C. Samples: Submit two samples, [__ inch by __ inch], illustrating finish color and texture on pieces of appropriate masonry.

1.4 Quality Assurance

A. Perform Work in accordance with Manufacturer's Instructions.

1.5 Qualifications

A. Manufacturer: All Lithomex shall be obtained from:

LimeWorks.us
3145 State Road
Telford, PA 18969
215-536-6706
215-453-1310 Fax
info@limeworks.us
www.LimeWorks.us

Or its authorized distributors.

B. Installer: Company specializing in performing similar work with a minimum of three (3) years experience.

1.6 Pre-Installation Meetings

A. Section 1300 – Administrative Requirements: Pre-Installation Meeting.

B. Convene minimum one week prior to commencing work of this SECTION

1.7 Environmental Requirements

- A. Materials are to be stored and handled to protect them from damage and moisture in accordance with Manufacturer's instructions.
- B. Provide environmental conditions at areas where Work of this SECTION is being performed to allow patching mortar to properly cure.
- C. Take precautionary measures necessary to assure that excessive temperature changes do not occur.
- D. Do not apply patching mortar unless minimum ambient temperature of 45 degrees F and a maximum of 85 degrees F has been and continues to be maintained for a minimum of 48 hours prior to application and until plaster is cured.
- E. Hot Weather Requirements: Protect from uneven and excessive evaporation during dry, hot weather.
[Provide tarping over the outside of all scaffolding.]

PART 2 – PRODUCTS

2.1 Lithomex

- A. Manufacturer's
 - 1. CESA – Imported and distributed by LimeWorks.us
 - 2. Substitutions not permitted

2.2 Mixes

- A. Mix only as much patching mortar as can be used prior to initial set.
- B. Mix materials dry, to uniform color and consistency, before adding water.
- C. Protect mixtures from freezing, frost, contamination, and excessive evaporation.

PART 3 – EXECUTION

3.1 Examination

- A. Section 01300 – Administrative Requirements: Coordination and project conditions.

3.2 Preparation

- A. Remove all loose particles and traces of contamination (oil, grease, vegetable growth, etc.)
- B. Remove anchor pieces that are rusted or loose. Remaining anchor pieces must be free of rust and treated

adequately.

C. Roughen substrate surfaces.

D. Mist surfaces to reduce excessive suction.

3.3 Installation

A. [Installation of Accessories:]

1. [Install mechanical anchors.]
2. [Anchors to be covered with _" minimum patching mortar.]
3. [Install pins and dowels.]

B. Patching / Repairing

1. Apply patching mortar to a minimum thickness of 3/16"..
2. [Apply in thin layers up to a total thickness of 4" for projection work].
3. [Apply in layers up to 2" in one pass.]
4. [Finish to match [stone] [brick] [joint] five (5) hours after application.]
5. [Finish slope and form details within 24 hours.]
6. [Carve details seven (7) days minimum after application.]
7. [Fine finish surface by [troweling at time of setting] [sanding with fine sandpaper after material has hardened (7 days).]

3.4 Adjusting

A. Remove damaged or defective patching mortar by cutting and replace with new patching mortar to match adjacent surfaces.

3.5 Schedules

END OF SECTION